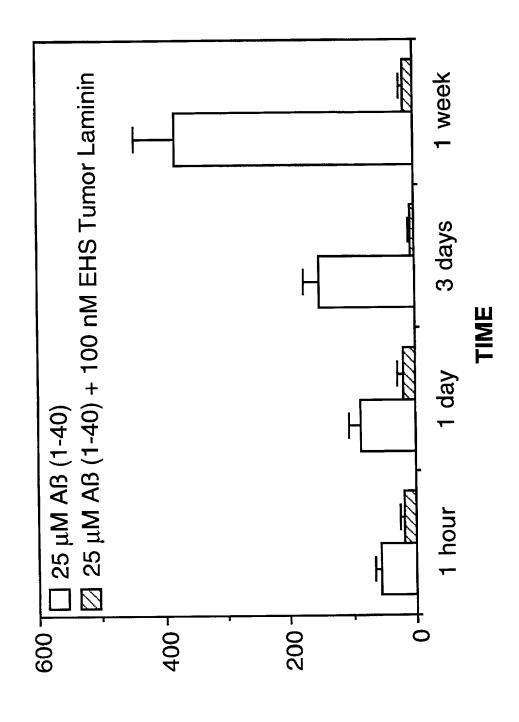


FIGURE 1



Fluorescence

StinU

FIGURE 2

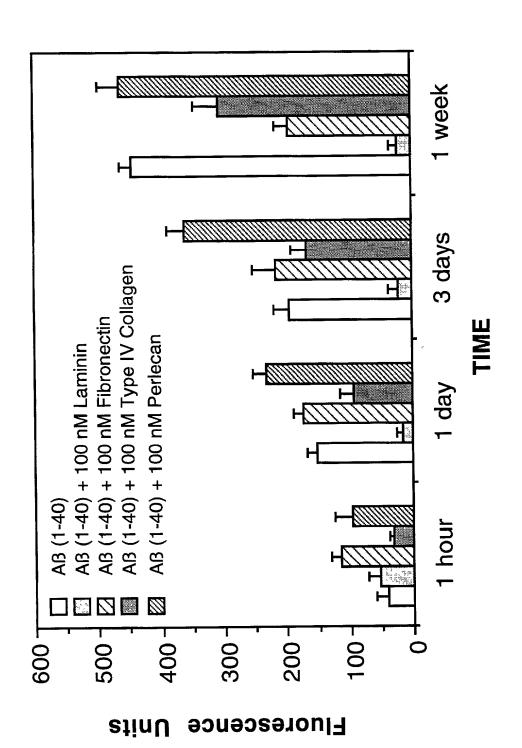
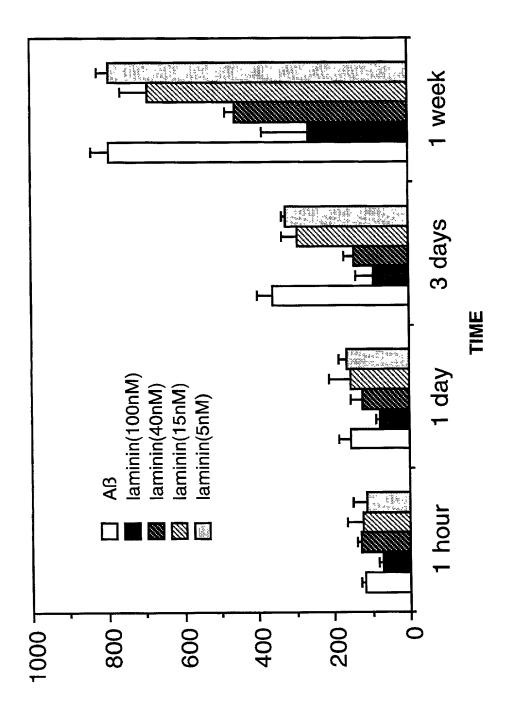


FIGURE 3

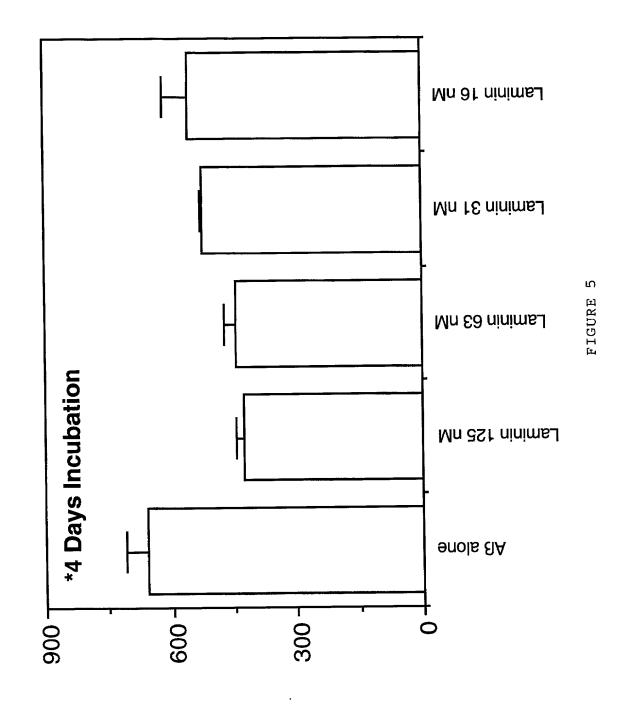


Fluorescence

Units

FIGURE 4

Fluorescence Units



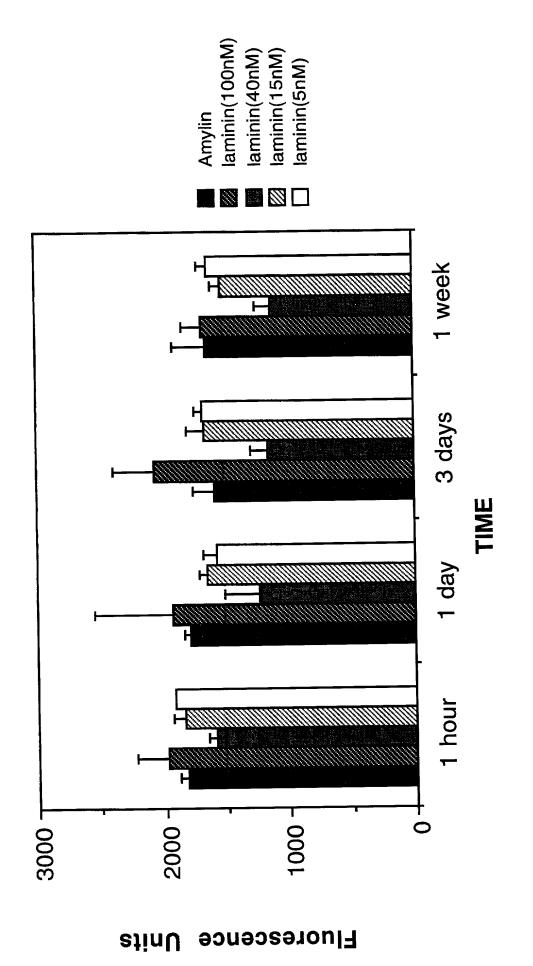


FIGURE 6

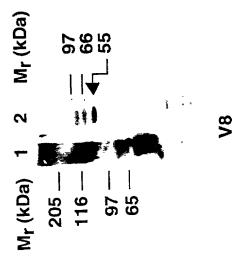


FIGURE 7

. . . .

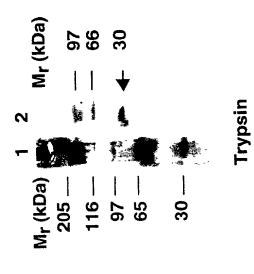


FIGURE 8

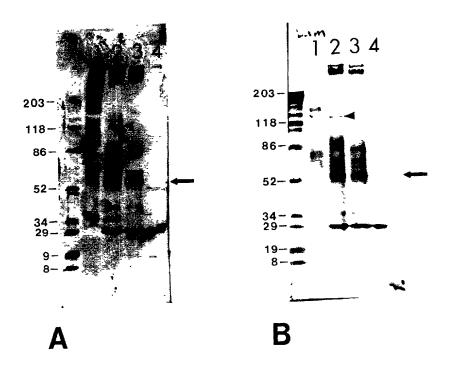


FIGURE 9

SEQUENCE MRGSGTGAAL LVLLASVLWV TVRSQQRGLF PAILNLATNA HISANATCGE KGPEMFCKLV EHVPGRPVRH AQCRVCDGNS TNPRERHPIS HAIDGTNNWW QSPSIQNGRE YHWVTVTLDL RQVFQVAYII IKAANAPRPG NWILERSVDG VKFKPWQYYA VSDTECLTRY KITPRRGPPT YRADNEVICT SYYSKLVPLE HGEIHTSLIN GRPSADDPSP QLLEFTSARY IRLRLQRIRT LNADLMTLSH RDLRDLDPIV TRRYYYSIKD ISVGGMCICY GHASSCPWDE EAKQLQCQCE HNTCGESCDR CCPGYHQQPW RPGTISSGNE CEECNCHNKA KDCYYDSSVA KERRSLNTAG QYSGGGVCVN CSQNTTGINC ETCIDQYYRP HKVSPYDDHP CRPCNCDPVG SLSSVCIKDD RHADLANGKW PGQCPCRKGY AGDKCDRCQF GYRGFPNCIP CDCRTVGSLN EDPCIEPCLC KKNVEGKNCD RCKPGFYNLK ERNPEGCSEC FCFGVSGVCD SLTWSISQVT NMSGWLVTDL MSTNKIRSQQ DVLGGHRQIS INNTAVMQRL TSTYYWAAPE AYLGNKLTAF GGFLKYTVSY DIPVETVDSD LMSHADIIIK GNGLTISTRA EGLSLQPYEE YFNVVRLVPE NFRDFNTRRE IDRDQLMTVL ANVTHLLIRA NYNSAKMALY RLDSVSLDIA SPNAIDLAVA ADVEHCECPQ GYTGTSCEAC LPGYYRVDGI LFGGICQPCE CHGHASECDI HGICSVCTHN TTGDHCEQCL PGFYGTPSRG TPGDCQPCAC PLSIDSNNFS PTCHLTDGEE VVCDQCAPGY SGSWCERCAD GYYGNPTVPG GTCVPCNCSG NVDPLEAGHC DSVTGECLKC LWNTDGAHCE RCADGFYGDA VTAKNCRACD CHENGSLSGV CHLETGLCDC KPHVTGQQCD QCLSGYYGLD TGLGCVPCNC SVEGSVSDNC TEEGQCHCGP GVSGKQCDRC SHGFYAFQDG GCTPCDCAHT QNNCDPASGE CLCPPHTQGL KCEECEEAYW GLDPEQGCQA CNCSAVGSTS AQCDVLSGHC PCKKGFGGQS CHQCSLGYRS FPDCVPCGCD LRGTLPDTCD LEQGLCSCSE DSGTCSCKEN VVGPQCSKCQ AGTFALRGDN PQGCSPCFCF GLSQLCSELE GYVRTLITLA SDQPLLHVVS QSNLKGTIEG VHFQPPDTLL DAEAVRQHIY AEPFYWRLPK QFQGDQLLAY GGKLQYSVAF YSTLGTGTSN YEPQVLIKGG RARKHVIYMD APAPENGVRQ DYEVQMKEEF WKYFNSVSEK HVTHSDFMSV LSNIDYILIK ASYGQGLQQS RIANISMEVG RKAVELPAEG EAALLLELCV CPPGTAGHSC QDCAPGYYRE KLPESGGRGP RPLLAPCVPC NCNNHSDVCD PETGKCLSCR DHTSGDHCEL CASGYYGKVT GLPGDCTPCT CPHHPPFSFS PTCVVEGDSD FRCNACLPGY EGQYCERCSA GYHGNPRAAG GSCQTCDCNP QGSVHSDCDR ASGQCVCKPG ATGLHCEKCL PRHILMESDC VSCDDDCVGP LLNDLDSVGD AVLSLNLTGV SPAPYGILEN LENTTKYFQR YLIKENAKKI RAEIQLEGIA EQTENLQKEL TRVLARHQKV NAEMERTSNG TQALATFIEQ LHANIKEITE KVATLNQTAR KDFQPPVSAL QSMHQNISSL LGLIKERNFT EMQQNATLEL KAAKDLLSRI QKRFQKPQEK LKALKEANSL LSNHSEKLQA AEELLKEAGS KTQESNLLLL LVKANLKEEF QEKKLRVQEE QNVTSELIAK GREWVDAAGT HTAAAQDTLT QLEHHRDELL LWARKIRSHV DDLVMQMSKR RARDLVHRAE QHASELQSRA GALDRDLENV RNVSLNATSA AHVHSNIQTL TEEAEMLAAD AHKTANKTDL ISESLASRGK AVLQRSSRFL KESVGTRRKQ QGITMKLDEL KNLTSQFQES VDNITKQAND SLAMLRESPG GMREKGRKAR ELAAAANESA VKTLEDVLAL SLRVFNTSED LSRVNATVQE TNDLLHNSTM TTLLAGRKMK DMEMQANLLL DRLKPLKTLE ENLSRNLSEI KLLISRARKQ AASIKVAVSA DRDCIRAYQP QTSSTNYNTL ILNVKTQEPD NLLFYLGSSS SSDFLAVEMR RGKVAFLWDL GSGSTRLEFP EVSINNNRWH SIYITRFGNM GSLSVKEASA AENPPVRTSK SPGPSKVLDI NNSTLMFVGG LGGQIKKSPA VKVTHFKGCM GEAFLNGKSI GLWNYIEREG KCNGCFGSSQ NEDSSFHFDG SGYAMVEKTL RPTVTQIVIL FSTFSPNGLL FYLASNGTKD FLSIELVRGR VKVMVDLGSG PLTLMTDRRY NNGTWYKIAF QRNRKQGLLA VFDAYDTSDK ETKQGETPGA ASDLNRLEKD LIYVGGLPHS KAVRKGVSSR SYVGCIKNLE ISRSTFDLLR NSYGVRKGCA LEPIQSVSFL RGGYVEMPPK SLSPESSLLA TFATKNSSGI LLVALGKDAE EAGGAQAHVP FFSIMLLEGR IEVHVNSGDG TSLRKALLHA PTGSYSDGQE HSISLVRNRR VITIQVDENS PVEMKLGPLT EGKTIDISNL YIGGLPEDKA TPMLKMRTSF HGCIKNVVLD AQLLDFTHAT GSEQVELDTC LLAEEPMQSL HREHGELPPE PPTLPQPELC AVDTAPGYVA GAHQFGLSQN SHLVLPLNQS DVRKRLQVQL SIRTFASSGL IYYVAHQNQM DYATLQLQEG RLHFMFDLGK GRTKVSHPAL LSDGKWHTVK TEYIKRKAFM TVDGQESPSV TVVGNATTLD VERKLYLGGL PSHYRARNIG TITHSIPACI GEIMVNGQQL DKDRPLSASA VDRCYVVAQE GTFFEGSGYA ALVKEGYKVR LDLNITLEFR TTSKNGVLLG ISSAKVDAIG LEIVDGKVLF HVNNGAGRIT ATYQPRAARA LCDGKWHTLQ AHKSKHRIVL TVDGNSVRAE SPHTHSTSAD TNDPIYVGGY PAHIKQNCLS SRASFRGCVR NLRLSRGSQV

OSLDLSRAFD LQGVFPHSCP GPEP

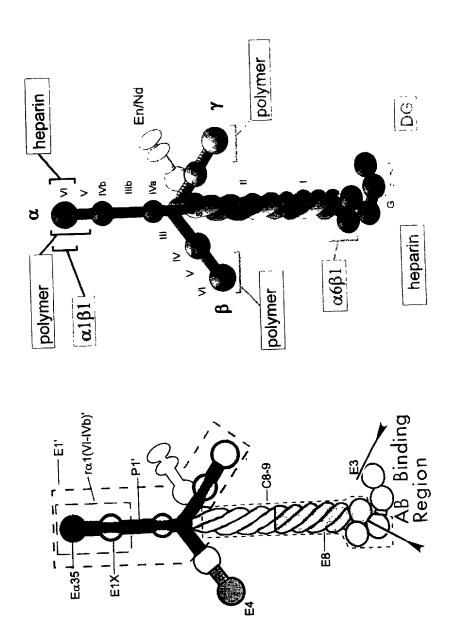
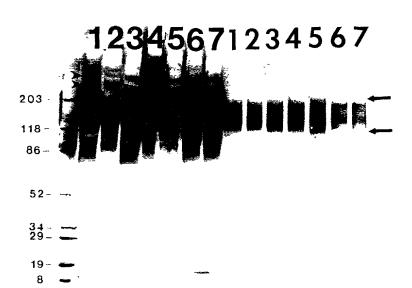


FIGURE 11



12345678910

